

SMAP45 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08398
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HDAC3. AA range:379-428
Mol wt	48848
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	SMAP45 Antibody
Synonyms	HDAC3; Histone deacetylase 3; HD3; RPD3-2; SMAP45

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase 3 encoded by HDAC3 belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year